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FIG.1

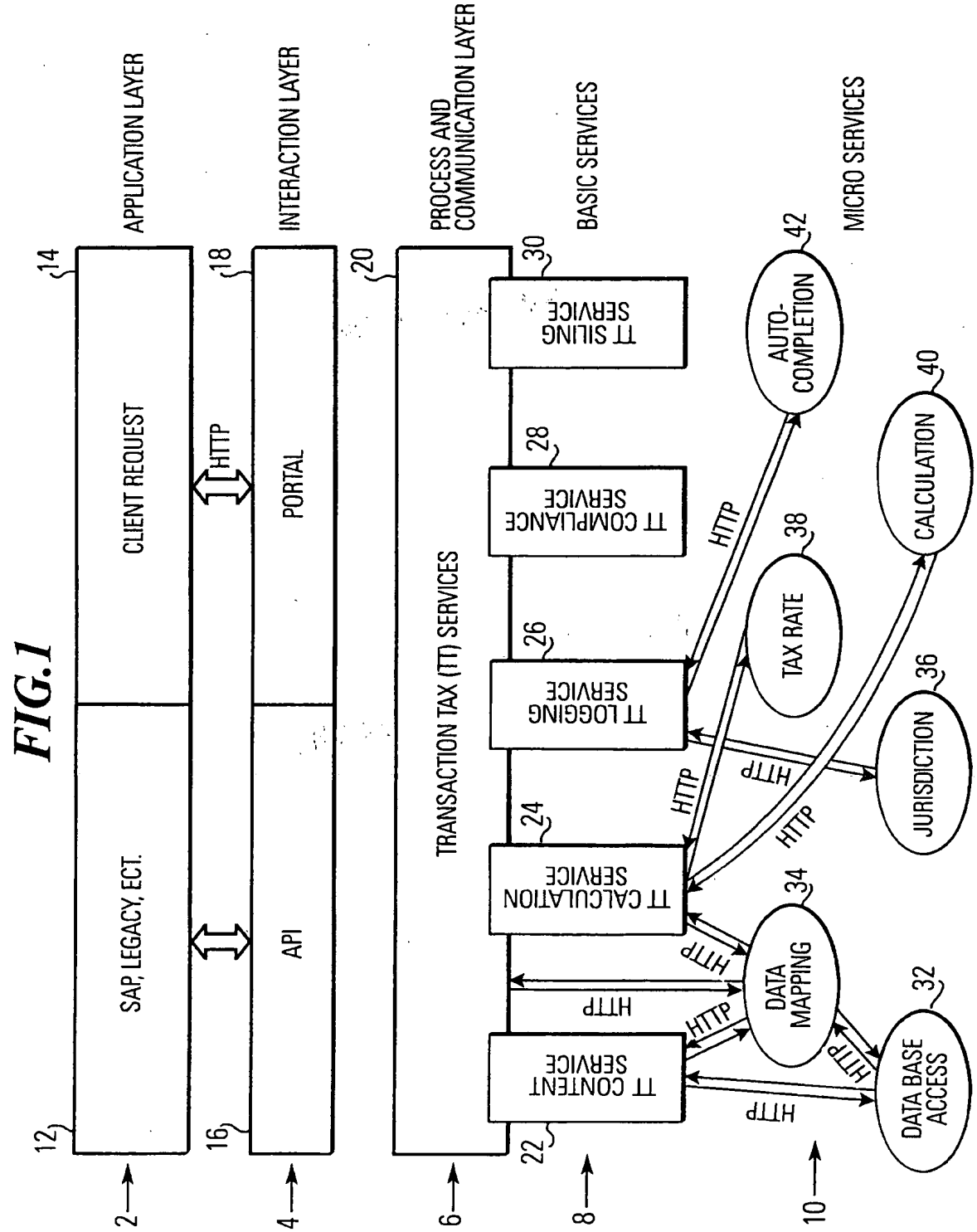

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FIG.2

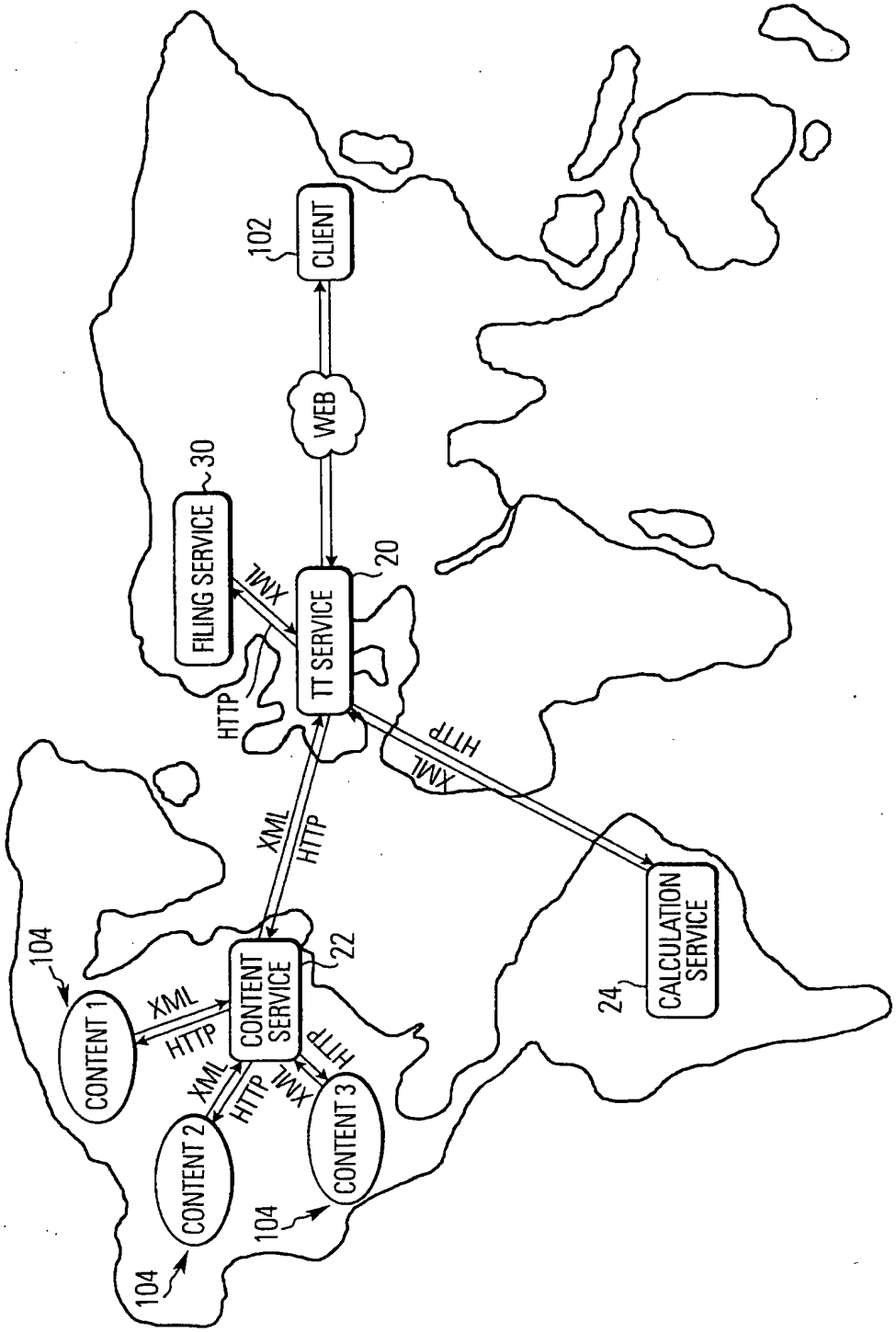

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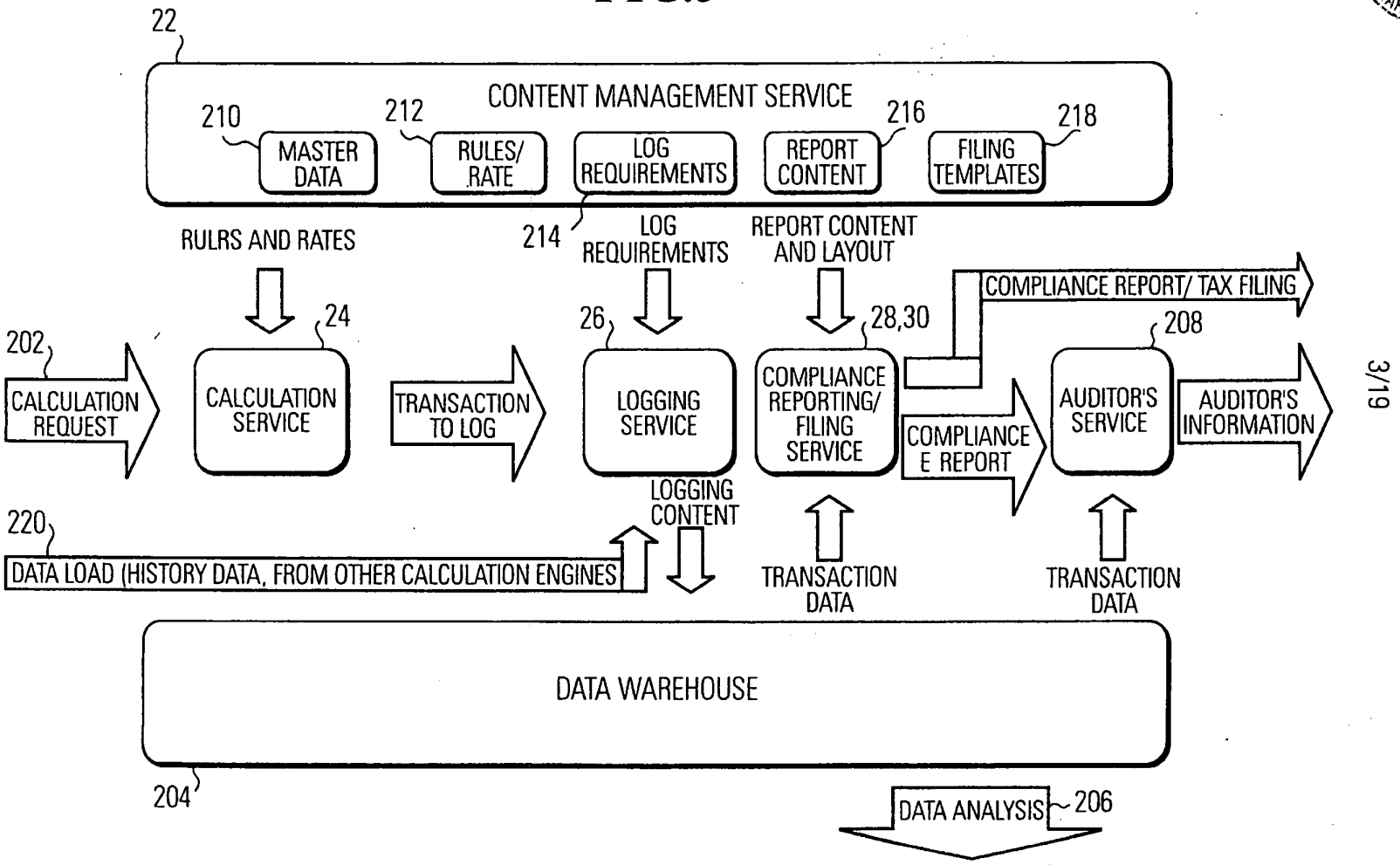
FIG.3



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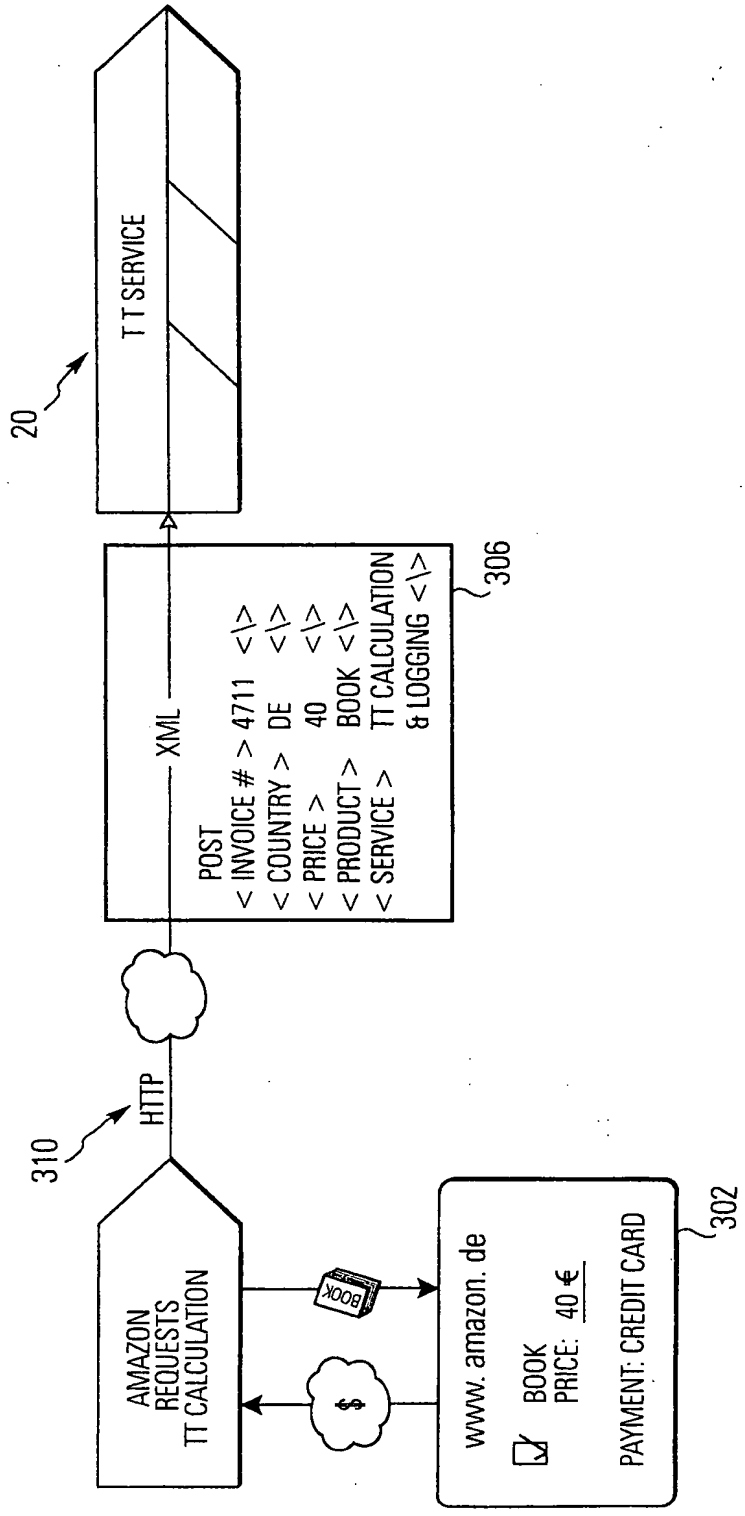

FIG.4a

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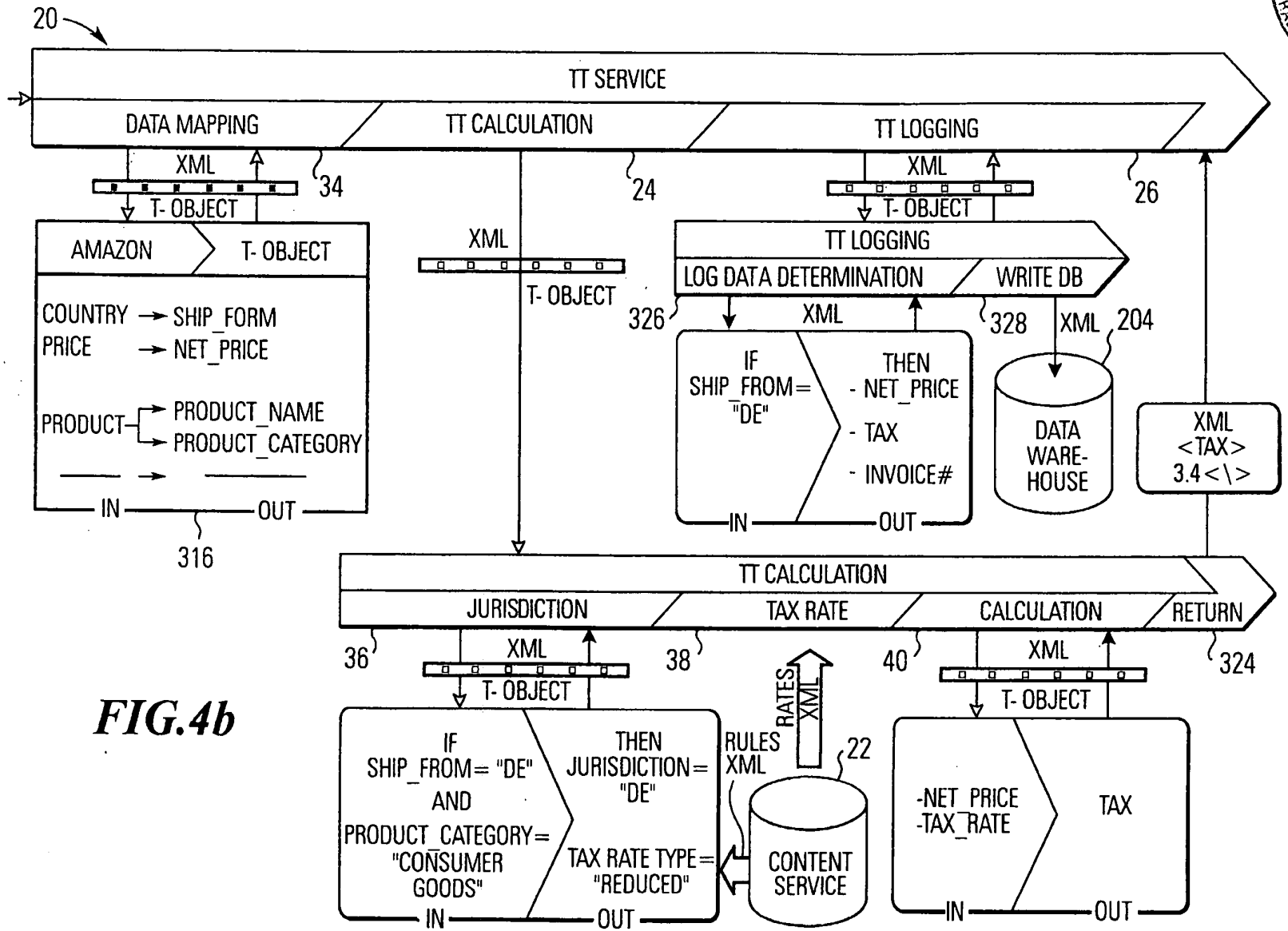

FIG.4b

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FIG.5a

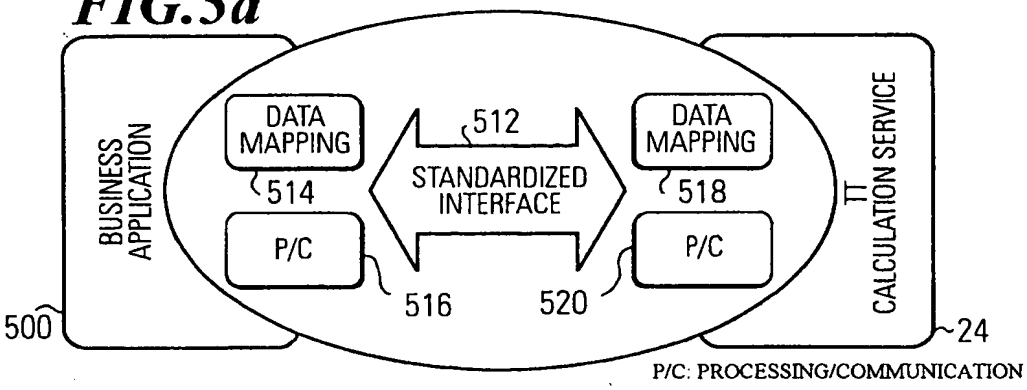

FIG.5b

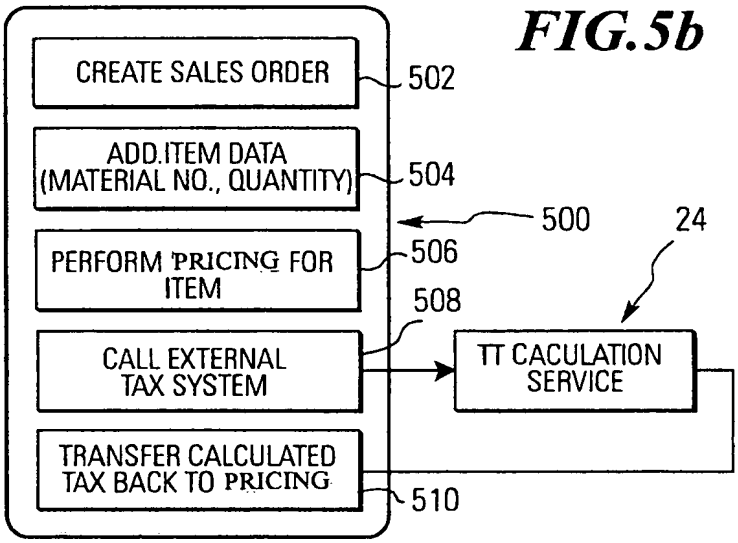

FIG.5c

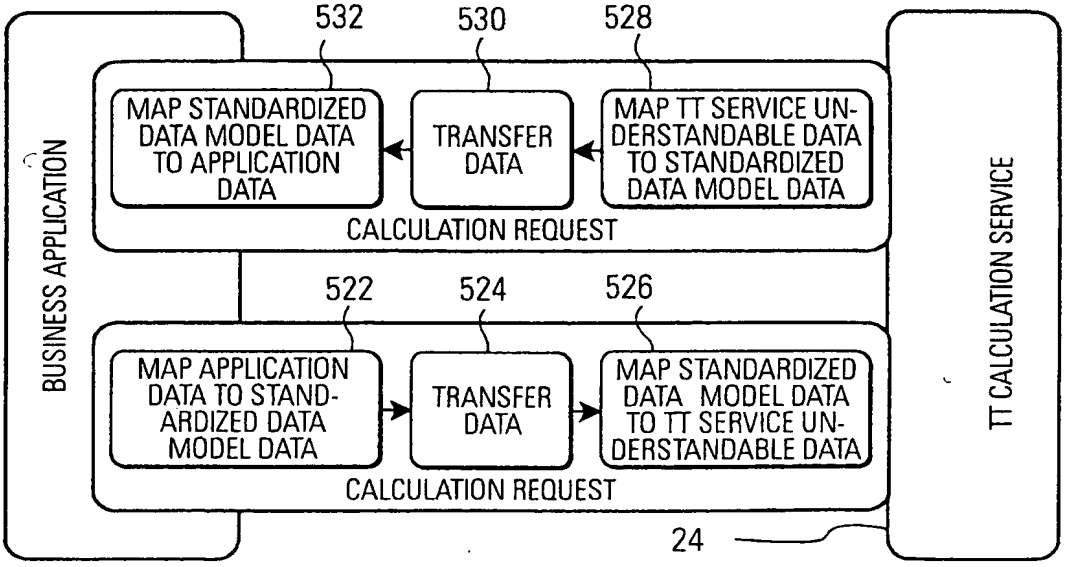

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FIG.5d

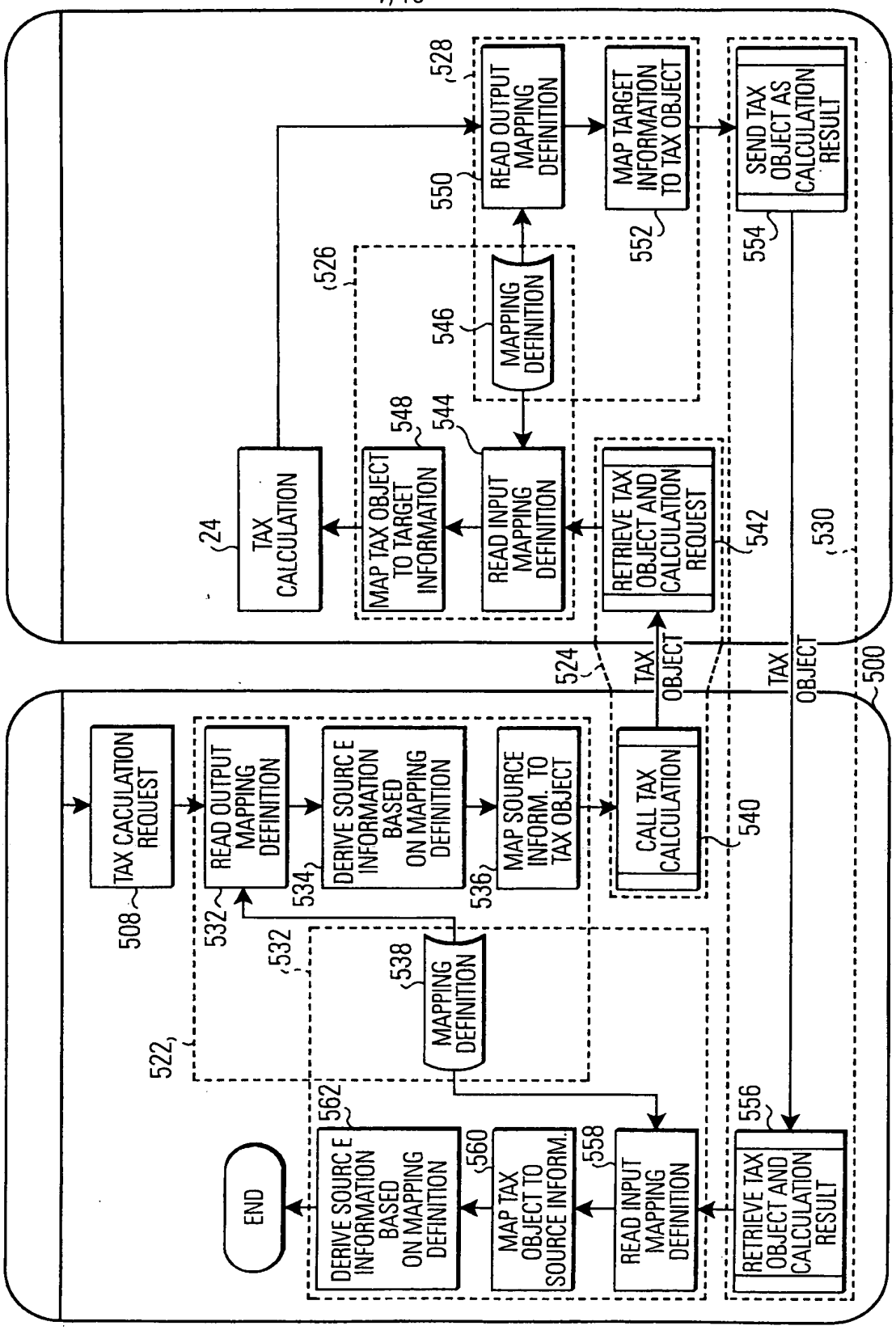

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FIG.5e

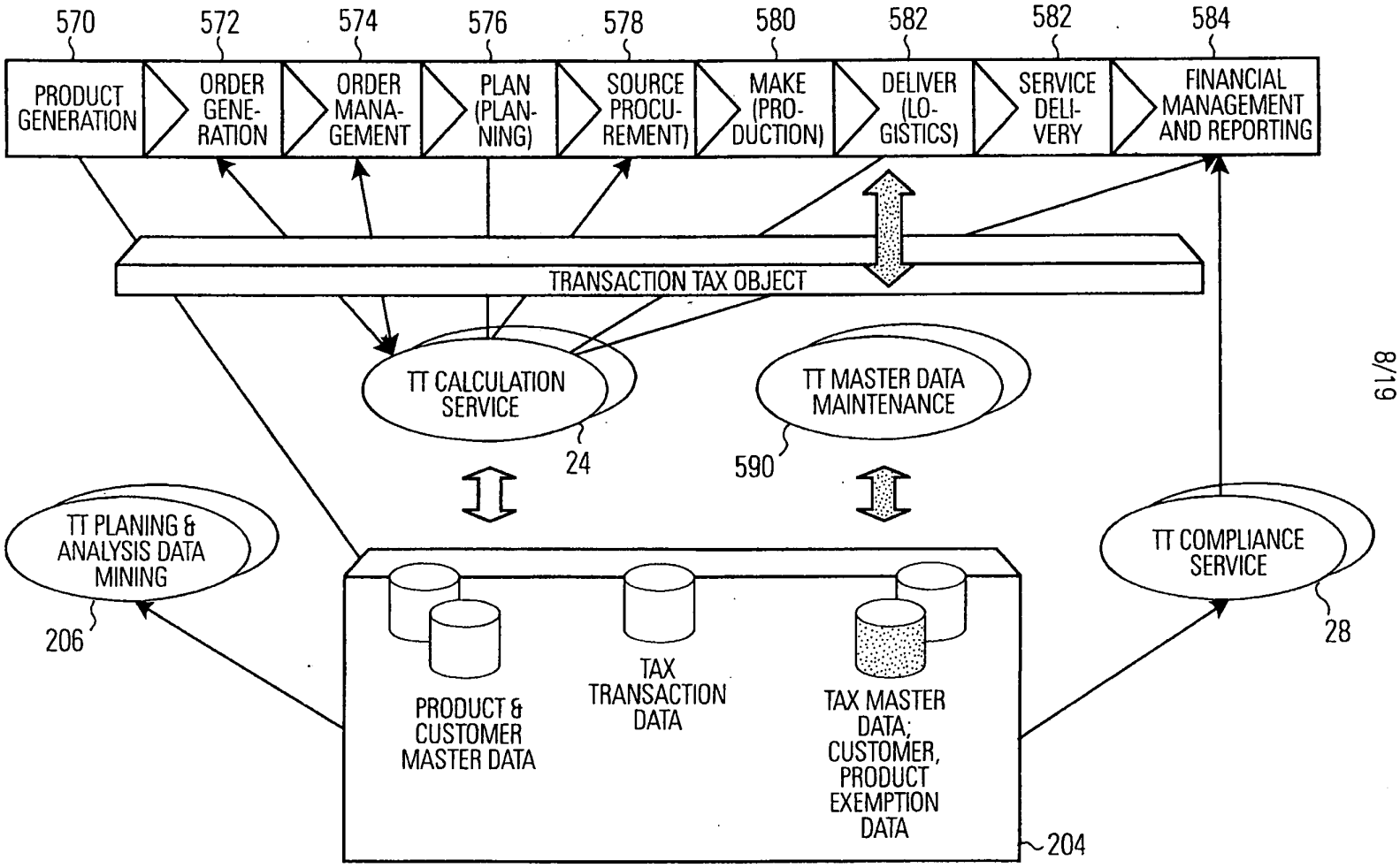

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FIG.6

INBOUND ELEMENTS

FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION	REQUIRED
1.	COMPANY- ID			LEGAL ENTITY, WHICH IS ASSO-CIATED THE TRANSACTION	x
2.	DIVISION			USED IN REPORTING TO IDENTIFY THE BUSINESS WITHIN A COMPANY	
3.	CREATOR			APPLICATION, WHICH PASSES TRANSACTION TO TRXN TAX ENGINE	
4.	SHIP- FROM ADDRESS			SHIP- FROM LOCATION ADDRESS	x
5.		STREET		STREET ADDRESS	
6.		TERRITORY		TERRITORY	
7.		PROVINCE		PROVINCE, USED FOR JURIS-DICTION PROCESSING FOR US	
8.		COUNTY		COUNTY	
9.		CITY		CITY	
10.		POSTAL CODE		POSTAL CODE	
11.		STATE		STATE	
12.		COUNTRY		ISO COUNTRY CODE	
13.	DESTINATION/SHIP- TO ADDRESS			SHIP- TO ADDRESS FOR GOODS, PERFORMED- AT-ADDRESS FOR SERVICES	x
14.		NAME		NAME OF COMPANY RECEIVING GOODS OR SERVICES	
15.		STREET		STREET ADDRESS	
16.		TERRITORY		TERRITORY	
17.		PROVINCE		PROVINCE, USED FOR JURIS-DICTION PROCESSING FOR US	
18.		COUNTY		COUNTY	
19.		CITY		CITY	
20.		POSTAL CODE		POSTAL CODE	
21.		STATE		STATE	
22.		COUNTRY		ISO COUNTRY CODE	
23.	ORIGIN/ POO ADDRESS			SELLER ADDRESS, FOR US POINT OF ORDER ORIGIN	
24.		STREET		STREET ADDRESS	
25.		TERRITORY		TERRITORY	
26.		PROVINCE		PROVINCE, USED FOR JURISDICTION	

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION	REQUIRED
				PROCESSING FOR US	
27.		COUNTY		COUNTY	
28.		CITY		CITY	
29.		POSTAL CODE		POSTAL CODE	
30.		STATE		STATE	
31.		COUNTRY		ISO COUNTRY CODE	
32.	POA ADDRESS			POINT OF ORDER ACCEPTANCE ADDRESS	
33.		STREET		STREET ADDRESS	
34.		TERRITORY		TERRITORY	
35.		PROVINCE		PROVINCE, USED FOR JURIS-DICTION PROCESSING FOR US	
36.		COUNTY		COUNTY	
37.		CITY		CITY	
38.		POSTAL CODE		POSTAL CODE	
39.		STATE		STATE	
40.		COUNTRY		ISO COUNTRY CODE	
41.	INVOICE- TO ADDRESS			INVOICE-TO/ BILL-TO ADDRESS	
42.		NAME		NAME OF COMPANY RECEIVING INVOICE	
43.		STREET		STREET ADDRESS	
44.		TERRITORY		TERRITORY	
45.		PROVINCE		PROVINCE, USED FOR JURIS-DICTION PROCESSING FOR US	
46.		COUNTY		COUNTY	
47.		CITY		CITY	
48.		POSTAL CODE	CHAR(5)	POSTAL CODE	
49.		STATE		STATE	
50.		COUNTRY		ISO COUNTRY CODE	
51.	SOLD- TO ADDRESS			ADDRESS OF THE CONTRACTUAL RELATIONSHIP	
52.		NAME		NAME OF COMPANY	
53.		STREET		STREET ADDRESS	
54.		TERRITORY		TERRITORY	
55.		PROVINCE		PROVINCE, USED FOR JURIS-DICTION PROCESSING FOR US	
56.		COUNTY		COUNTY	
57.		CITY		CITY	
58.		POSTAL CODE	CHAR(5)	POSTAL CODE	
59.		STATE		STATE	

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION	REQUIRED
60.		COUNTRY		ISO COUNTRY CODE	
61.	POINT- OF- TITLE PASSAGE			LOCATION AT WHICH LEGAL TITLE HAS TRANSFERRED TO THE PUR-CHASER (POO/SHIP FROM LOCA-TION.SHIP-TO LOCATION) US-ONLY	
62.	TRANSACTION TYPE			DESCRIBES THE TYPE OF TRANS-ACTION (SALES OR PURCHASE)	
63.	KIND OF TRANSACTION			DESCRIBES THE TRANSACTION (NORMAL PURCHASE/SALES, LEASE, RENTAL, RETURN....)	
64.	INVOICE DATE/TAX POINT			DATE INVOISE IS ISSUED. USED AS REFERENCE FOR TAX CALCU-LATION. FOR CREDIT/ CORRECTIONS, THIS NEED TO BE THE ORIGINAL DATE OF THE INVOISE	
65.	DELIVERY DATE/ TRANSACTION DATE			DATE GOODS ARE DELIVERED, SHIPPED OR MOVED	
66.	MODE OF TRANSPORT			DESCRIBE MEANS BY WHICH THE GOODS ARE TRANSPORTED (SEA, RAIL, ROAD, AIR)	
67.	COMMODITY/SERVICE CODE (PRODUCT CODE FOR US)			IDENTIFIES THE TYPE OF PRODUCT AND IS NEEDED FOR TAX RATE DETERMINATION	
68.	CREDIT/CORRECTION INDICATOR			IDENTIFIES CREDIT/CORRECTION TRANSACTION	
69.	REASON CODE			REASON FOR EXEMPTION FROM TAX (US ONLY)	
70.		COUNTRY			
71.		STATE/PRO-VINCE			
72.		COUNTY			
73.		CITY			
74.	TAX CERTIFICATE NUMBER			TAX CERTIFICATE NUMBER, WHICH INDICATES THAT THE TRANSACTION IS EXEMPT FROM TAXES	
75.		COUNTRY			
76.		STATE/PRO-VINCE			
77.		COUNTY			
78.		CITY			
79.	EXEMPTION CERTIFI-CATE TYPE			KEY TYPE OF CERTIFICATE (US ONLY)	
80.	INVOICE/DOKUMENT NUMBER			DOCUMENT NUMBER	
81.	CUSTOMER NUMBER			UNIQUE IDENTIFICATION FOR CUSTOMER	
82.	CUSTOMER NAME				
83.	CONTRACT NUMBER			CONTRACT RELATED TO TRANSACTION	
84.	CURRENCY			CODE IDENTIFYING THE CURRENCY USED ON DOCUMENT	
85.	UNIT OF MEASURE				

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION	REQUIRED
86.	PRODUCT NUMBER			NUMBER OF PRODUCT	
87.	PRODUCT DESCRIPTION			DESCRIPTION OF GOOD OR SERVICE	
88.	ORIGINAL DOCUMENT NUMBER			REFERENCE TO ORIGINAL DOCUMENT. USED FOR CREDIT/ CORRECTION TRANSACTIONS	
89.	DOCUMENT TYPE			ORDER, TRADE INVOICE, PURCHASE ORDER, BILL OF LADING	
90.	AGENT INDICATOR			AGENT USED FOR REPORTING OF THIS TRANSACTION	
91.	COUNTRY OF ORIGIN			COUNTRY IN WHICH GOODS ORIGINATE OR PLACE, WHERE THE LAST SIGNIFICANT PROCESSING OR MANUFACTURING TOOK PLACE	
92.	DESTINATION CODE			REGION OF DISPATCH/ARRIVAL, WHERE THE GOODS ARE PRODUCED, ASSEMBLED, PROCESSED, REPAIRED OR MAINTAINED (EU ONLY)	
93.	DELIVERY TERM			FREIGHT CODE REPRESENTING TERMS OF TRADE BETWEEN A BUYER AND A SELLER (INCO TERMS)	
94.	PORT OF LOADING			NATURE OF TRANSACTION	
95.	DISTANCE SALE INDICATOR			TRANSACTION IS A DISTANCE SALE. ALLOWS TO DISTINGUISH SALES ABOVE AND UNDER THE THRESHOLD	
96.	STATISTICAL PROCEDURE			FLOW AND PROCESS OF MERCHANDISE. (EU ONLY- INTRASTAT)	
97.	NEW MEANS OF TRANSPORT INDICATOR			TRANSACTION INVOLVES NEW MEAN OF TRANSPORT	
98.	AFFILIATION			INDICATES AN AFFILIATION BETWEEN DECLARANT AND BUSINESS PARTNER	
99.	FISCAL DATE			DATE FOR WHICH THE TRANSACTION IS REPORTED	
100.	TAX LEVEL			DEFINE AT WHICH JURISDICTION LEVEL TAX SHOULD BE CALCULATED (US ONLY)	
101.	SELLER REGISTRATION NUMBER			IN CASE THIS FIELD IS FILLED, TAX ENGINE WILL NOT CHECK AGAINST THEIR COMPANY LEGAL STRUCTURE	
102.	BUYER REGISTRATION NUMBER			TAX REGISTRATION NUMBER OF BUYER	
103.	AGENT REGISTRATION NUMBER				
104.	OVERRIDE TAX RATE			OVERRIDE OVER SYSTEM DETERM. TAX RATE. USED TO PASS A TRANSACTION ONLY INTO THE AUDIT FILE	
105.		TERRITORY			
106.		PROVINCE			
107.		COUNTY			
108.		CITY			
109.		STATE			

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION	REQUIRED
110.		COUNTRY			
111.	OVERRIDE TRXN TAX AMOUNT			OVERRIDE OVER SYSTEM DETERMINED TAX RATE. USED TO PASS A TRANSACTION ONLY INTO THE AUDIT FILE	
112.		TERRITORY			
113.		PROVINCE			
114.		COUNTY			
115.		CITY			
116.		STATE			
117.		COUNTRY			
118.	INVOICE LINE NUMBER				
119.	INVOICE SUMMARY INDICATOR			INDICATES, THAT THIS TRANSACTION LINE REPRESENTS AN INVOICE SUMMARY	
120.	LINE ITEM AMOUNT			PRICE OF GOODS/SERVICES ON THE LINE ITEM	
121.	OVER TAX AMOUNT			ANY DUTY OR EXTRANEOUS TAX AMOUNTS	
122.	DISCOUNT AMOUNT			AMOUNT BEING DISCOUNTED FOR THE INVOICE OR THE LINE ITEM	
123.	FREIGHT AMOUNT			COST ASSOCIATED WITH THE TRANSPORTATION	
124.	INSURANCE AMOUNT			COST OF INSURANCE ON GOODS RELATING TO GOODS FLOW	
125.	EXEMPT AMOUNT			AMOUNT OF THE TRANSACTION, WHICH IS EXEMPT FROM TAX	
126.		TERRITORY			
127.		PROVINCE			
128.		COUNTY			
129.		CITY			
130.		STATE			
131.		COUNTRY			
132.	INSURANCE AMOUNT FOREIGN			INSURANCE ON GOODS RELATED TO THE PART OF THE FLOW, WHICH TOOK PART OUTSIDE OF TAXATION JURISDICTION	
133.	FREIGHT AMOUNT FOREIGN			FREIGHT AMOUNT RELATED TO THE PART OF THE FLOW, WHICH TOOK PART OUTSIDE OF TAXATION JURISDICTION	
134.	REDUCED BAIS PERCENTAGE			USED TO REDUCE THE TAXABLE GROSS AMOUNT BEFORE CACULATING TAX (US)	
135.	CURRENCY CONVERSION FACTOR			USED TO CONVERT AMOUNTS FOR REPORTING/INVOICING PURPOSES	
136.	NET/MASS/VOLUME			WEIGTH/VOLUME OF GOODS INVOLVED IN TRANSACTION	
137.	RECOVERABLE PERCENTAGE			PERCENTAGE USED TO CALCULATE RECOVERABLE AMOUNT (DEFAULT = 100%)	

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OUTBOUND ELEMENTS

FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION
1.	COMPLETION CODE			CODE PROVIDING INFORMATION HOW THE SYSTEM HAS PROCESSED THE TRANSACTION
2.		OVERALL		
3.		COUNTRY		
4.		TERRITORY		
5.		STATE		
6.		PROVINCE		
7.		COUNTY		
8.		CITY		
9.	OVERALL COMPLETION CODE DESCRIPTION			DESCRIPTION COMPLETION CODE OVERALL
10.	ERROR CODE			CODE INDICATING, WHY A TRANSACTION WASN'T PROCESSED
11.	PROCESSING DATE			DATE, WHEN THE TRANSACTION WAS PROCESSED
12.	TRANSACTION NUMBER			UNIQUE IDENTIFIER OF TRANSACTION PROCESSED BY TRXN TAX ENGINE
13.	ZERO RATE INDICATOR			INDICATES, WHETHER THERE IS NO TAX ON THE TRANSACTION OR THE TRANSACTION IS ZERO-RATED
14.	ZERO RATE REASON			INDICATE, WHETHER A TRANSACTION IS ZERO- RATED
15.	TAXING LOCATION			LOCATION TO BE DETERMINED TO BE THE TAXING LOCATION (POO, POA, SHIP- FROM, SHIP- TO,INVOICE- TO,...)
16.	JURISDICTION APPLIED			JURISDICTION APPLIED FOR TAXATION
17.		CONTRY		
18.		TERRITORY		
19.		STATE		
20.		PROVINCE		
21.		COUNTY		
22.		CITY		
23.		POSTAL CODE		
24.	TAX TYPE			TYPE OF TAY DETERMINED
25.		CONTRY		
26.		TERRITORY		
27.		STATE		
28.		PROVINCE		

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION
29.		COUNTY		
30.		CITY		
31.		POSTAL CODE		
32.	TAX CERTIFICATE APPLIED			NUMBER OF CERTIFICATE APPLIED TO THIS TRANSACTION (US)
33.		COUNTRY		
34.		TERRITORY		
35.		STATE		
36.		PROVINCE		
37.		COUNTY		
38.		CITY		
39.		POSTAL CODE		
40.	EXEMPT REASON			INDICATOR FOR EXEMPT REASON
41.		COUNTRY		
42.		TERRITORY		
43.		STATE		
44.		PROVINCE		
45.		COUNTY		
46.		CITY		
47.		POSTAL CODE		
48.	CALCULATE TAX AMOUNT			TAX AMOUNT CALCULATE
49.		OVERALL		SUMMARY OF ALL DETAIL LEVELS
50.		COUNTRY		
51.		TERRITORY		
52.		STATE		
53.		PROVINCE		
54.		COUNTY		
55.		CITY		
56.		POSTAL CODE		
57.	TAX RATE APPLIED			TAX RATE USED FOR CALCULATION
58.		COUNTRY		
59.		TERRITORY		
60.		STATE		
61.		PROVINCE		
62.		COUNTY		
63.		CITY		
64.		POSTAL CODE		

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FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION
65.	LINE ITEM SUM			SUM OF ALL AMOUNT FOR THE LINE ITEM
66.	INVOICE SUM			GROSS AMOUNT OF INVOICE (INCLUDING TAX)
67.	BASIS AMOUNT			AMOUNT USED FOR TAX CALCULATION
68.		COUNTRY		
69.		TERRITORY		
70.		STATE		
71.		PROVINCE		
72.		COUNTY		
73.		CITY		
74.		POSTAL CODE		
75.	REPORT INDICATOR			INDICATES ONTO WHICH REPORT (INTRASTAT, RETURN, VIES) THIS TRANSACTION BELONGS
76.	TITLES			SPECIFIC SENTENCE, WHICH NEED TO APPEAR ON THE LEGAL DOCUMENTS LIKE INVOICE
77.	RECOVERABLE INDICATOR			INDICATES, WHETHER OR NOT TAX FOR THIS TRANSACTION IS RECOVERABLE
78.	ACCOUNTING REFERENCE			REFERENCE TO ACCOUNT TO WHICH THE TAX AMOUNTS SHOULD BE BOOKED
79.	EXTERNAL TAX REFERENCE			REFERENCE TO EXTERNAL TAX IDENTIFICATION NEEDED FOR FURTHER PROCESSING WHITHIN THE CALLING APPLICATION (I.E. SAP TAX CODE)

PROCESSING ELEMENTS

FIELD NO.	DATA ELEMENT	SUB DATA ELEMENT	TYPE	DESCRIPTION
1.	LANGUAGE			IDENTIFIES LANGUAGE USED FOR THIS DOCUMENT
2.	CALCULATION MODE			MODE OF CALCULATION (BACK CALCULATION TAX AMOUNT ALREADY PASSED)
3.	AUDIT FILE INDICATOR			TRANSACTION SHOULD BE LOGGED (IS FINAL TRANSACTION)
4.	EXEMPTION SYSTEM USE			INDICATES THAT EXEMPTION INFORMATION HAS TO BE RETRIEVED FROM A SPECIFIC EXEMPTION DOCUMENT ENGINE
5.	EXEMPTION LEVEL			INDICATES, WHICH THE EXEMPTION SHOULD BE USED
6.	END OF INVOICE INDICATOR			INDICATE THE END OF THE DOCUMENT
7.	INVOICE SUMMARY INDICAT.			TRANSACTION IS INVOICE SUMMARY
8.	REVERSE CHARGE INDICATOR			INDICATES THE USE THE REVERSE CHARGE MECHANISM
9.	REPORT EXCLUSION INDICATOR			INDICATES, THAT THIS TRANSACTION SHOULD BE EXCLUDED FROM TO BE DEFINED REPORTING

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FIG. 7

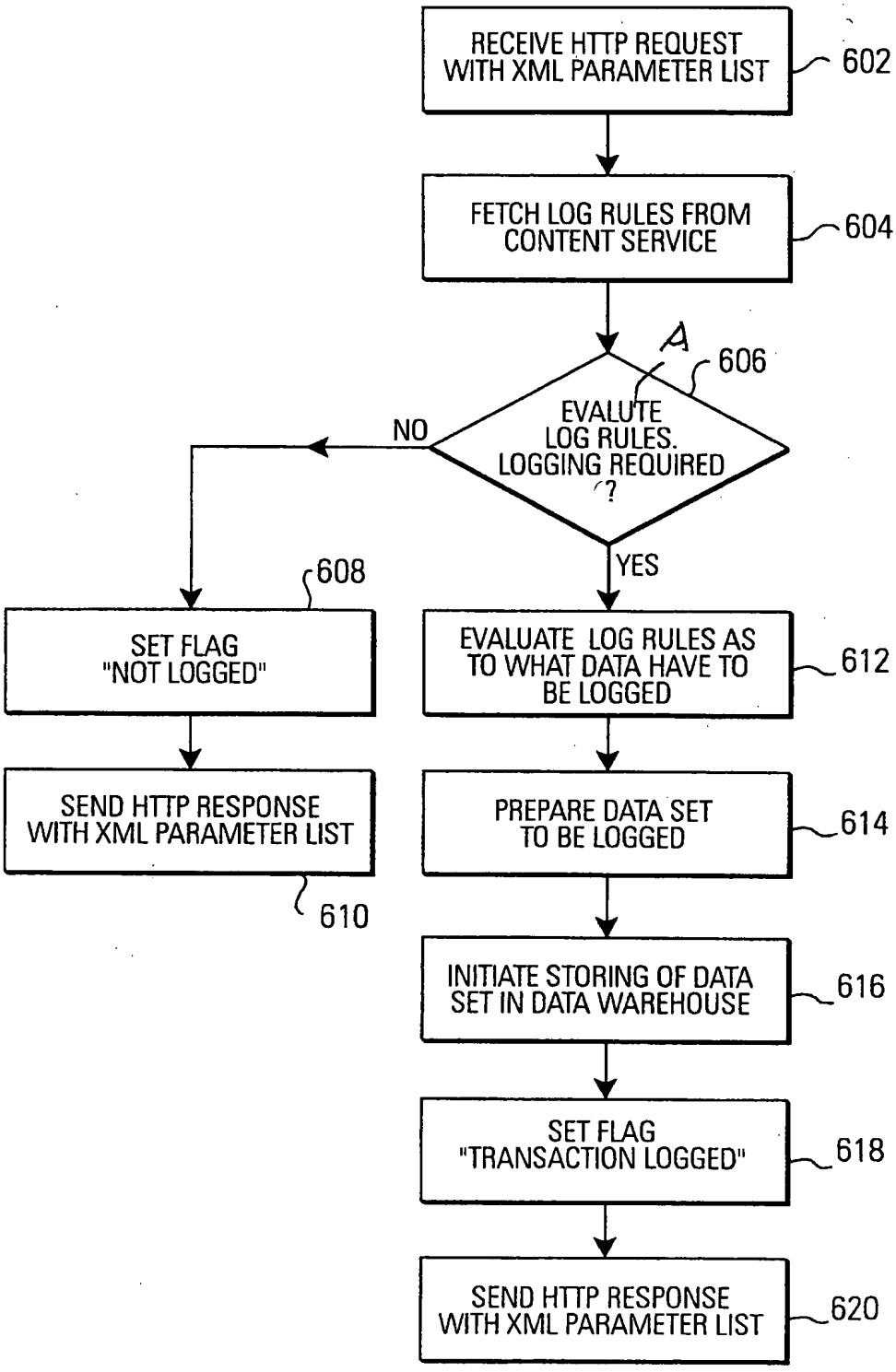

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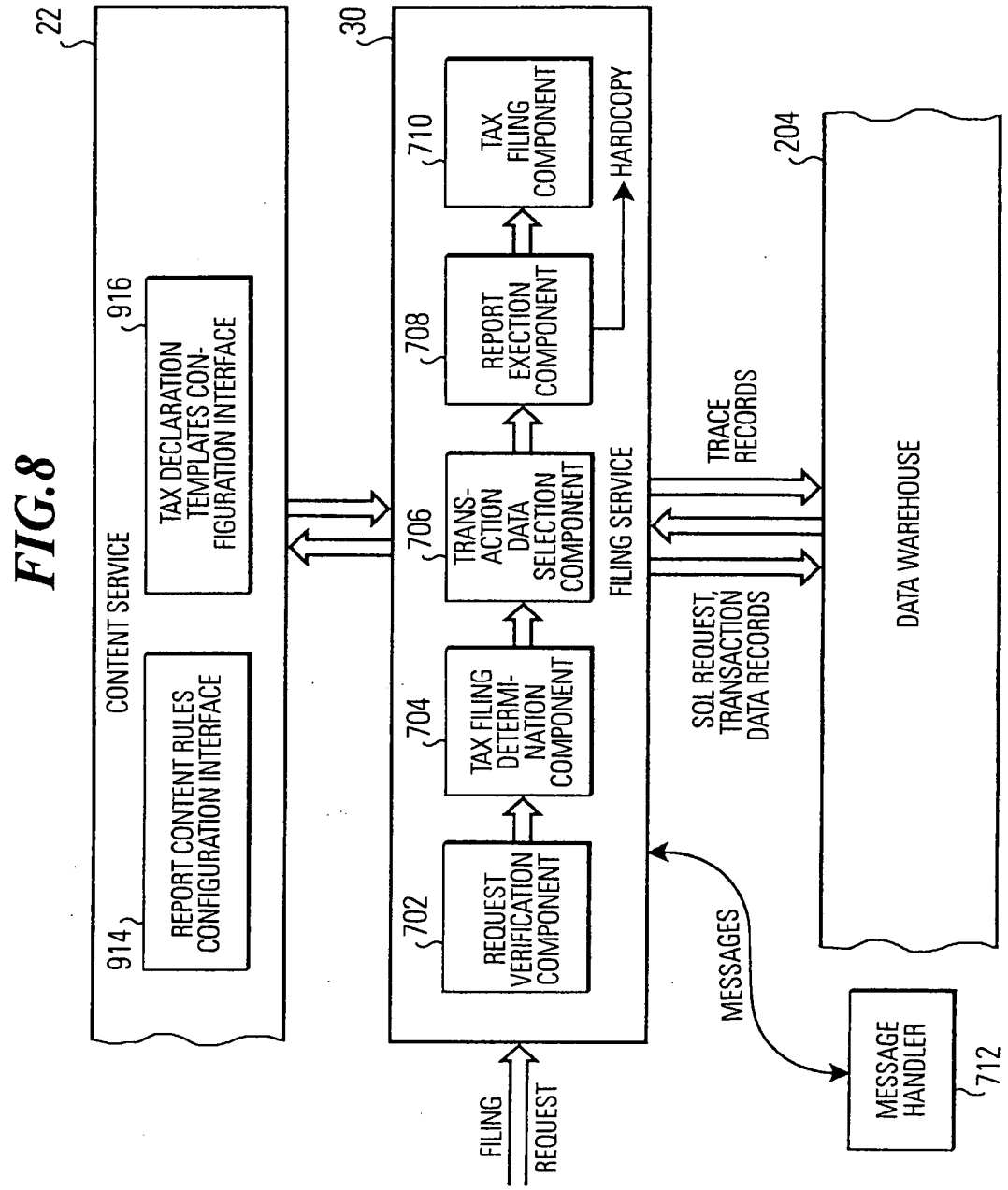
FIG.8



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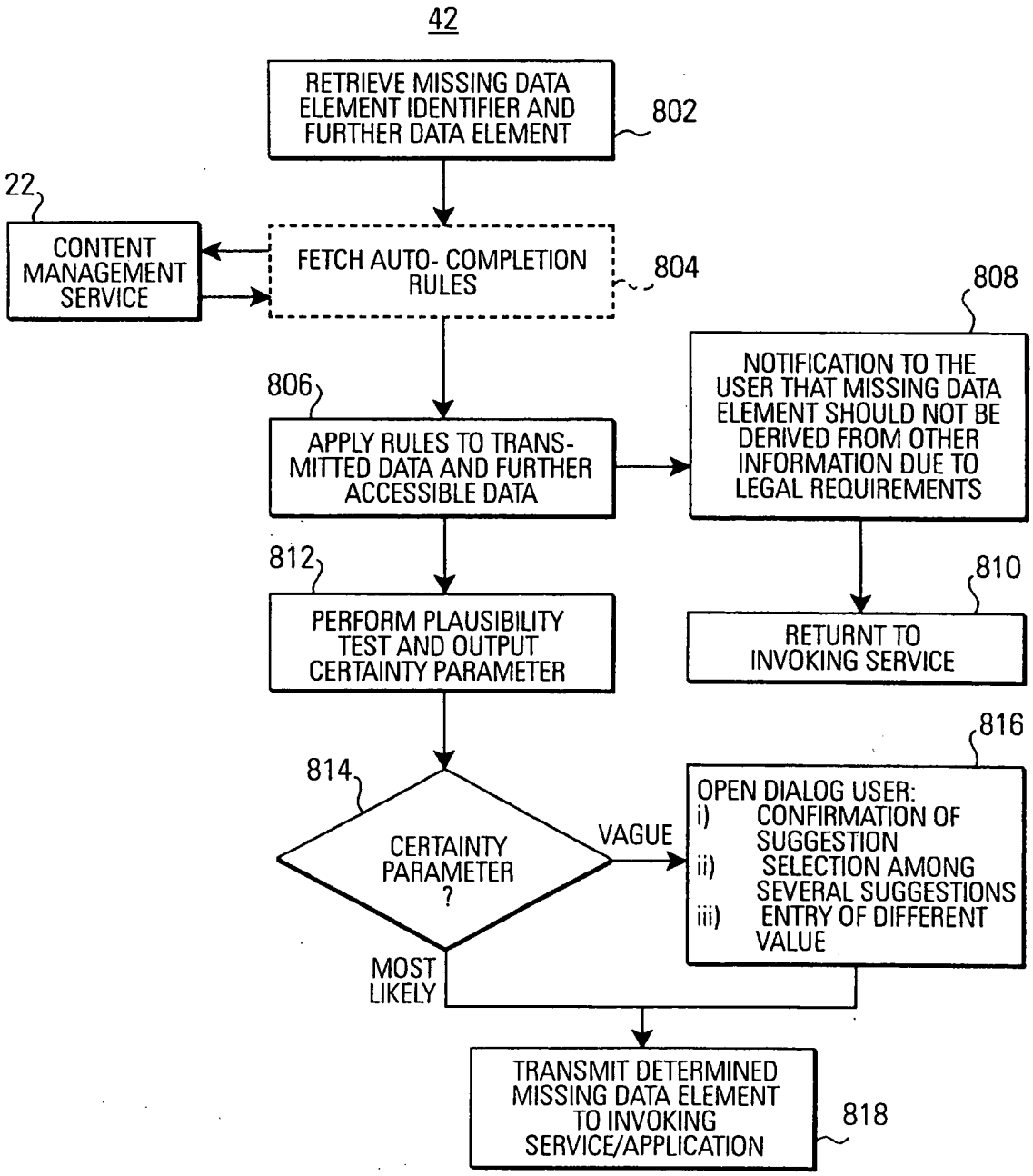
FIG.9